

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	81	"flow through" chamber waveguide peltier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/22 13:29
L2	24	"flow through" chamber waveguide peltier "422"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/22 13:35
L3	2	"5832165".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/22 13:46
L4	2	"6465241".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/22 13:46
S1	1	10/528954.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 22:08
S2	2	"5936730".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 18:14
S3	2	"5948621".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 18:28
S4	2	"6235473".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 18:29
S5	4	"2001000749"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 18:29
S6	4	("5500188"   "5543018"   "5710628"   "5736410").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 20:00

## EAST Search History

S7	2	("5936730").URPN.	USPAT	OR	OFF	2006/04/05 18:31
S8	8	("4970145"   "5192507"   "5468620"   "5474915"   "5512131"   "5554339"   "5567301"   "5776748").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 18:31
S9	6	("5948621").URPN.	USPAT	OR	OFF	2006/04/05 18:35
S10	9	("4822566"   "5053225"   "5074977"   "5077210"   "5137827"   "5171779"   "5200051"   "5242828"   "5269903").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 18:36
S11	16	("5567301").URPN.	USPAT	OR	OFF	2006/04/05 18:37
S12	0	("6787368").URPN.	USPAT	OR	OFF	2006/04/05 18:52
S13	52	("3891507"   "3990850"   "4038030"   "4789804"   "4945045"   "5078855"   "5089112"   "5104619"   "5116481"   "5192507"   "5200051"   "5242828"   "5246846"   "5268305"   "5313264"   "5368712"   "5401378"   "5405783"   "5436161"   "5436170"   "5478756"   "5485277"   "5491097"   "5492840"   "5514501"   "5527711"   "5567301"   "5571568"   "5580794"   "5622872"   "5624537"   "5637201"   "5693477"   "5707502"   "5723345"   "5736410"   "5741409"   "5753093"   "5756355"   "5783054"   "5798030"   "5824483"   "5834224"   "5942388"   "5955379"   "6074616"   "6096825"   "6107080"   "6165335"   "6300141"   "6461490"   "6478939").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 18:52
S14	75	("5492840").URPN.	USPAT	OR	OFF	2006/04/05 19:03
S15	3	("4444878"   "4737453"   "497850-3"   "4992385").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 19:41
S16	1	"6787368".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 19:42
S17	18	wong-w-y.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 19:43

## EAST Search History

S18	17	segal-d.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 19:45
S19	2	"6787368".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 19:45
S20	52	("3891507"   "3990850"   "4038030"   "4789804"   "4945045"   "5078855"   "5089112"   "5104619"   "5116481"   "5192507"   "5200051"   "5242828"   "5246846"   "5268305"   "5313264"   "5368712"   "5401378"   "5405783"   "5436161"   "5436170"   "5478756"   "5485277"   "5491097"   "5492840"   "5514501"   "5527711"   "5567301"   "5571568"   "5580794"   "5622872"   "5624537"   "5637201"   "5693477"   "5707502"   "5723345"   "5736410"   "5741409"   "5753093"   "5756355"   "5783054"   "5798030"   "5824483"   "5834224"   "5942388"   "5955379"   "6074616"   "6096825"   "6107080"   "6165335"   "6300141"   "6461490"   "6478939").PN. OR ("6787368").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 19:45
S21	0	semiconductor waveguide ("biosensor or bio-sensor or bio sensor")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 20:01
S22	333	semiconductor waveguide biosensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 20:02
S23	26	semiconductor waveguide biosensor 422/82.11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 20:27
S24	0	semiconductor waveguide biosensor 204/403.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 20:27

## EAST Search History

S25	25	semiconductor waveguide biosensor "204"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 20:27
S26	7	semiconductor waveguide biosensor "204"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 20:35
S27	0	semiconductor waveguide biosensor "436"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2006/04/05 20:35
S28	0	semiconductor waveguide biosensor "436"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2006/04/05 20:36
S29	0	semiconductor waveguide biosensor "436"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/04/05 20:36
S30	0	semiconductor waveguide biosensor "436"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	OFF	2006/04/05 20:36
S31	0	semiconductor waveguide biosensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2006/04/05 20:36
S32	0	semiconductor waveguide biosensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2006/04/05 20:36
S33	4	semiconductor waveguide biosensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/04/05 20:55
S34	79	("5736410").URPN.	USPAT	OR	OFF	2006/04/05 20:42

## EAST Search History

S35	0	"electrical conductor" waveguide biosensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/04/05 20:59
S36	0	"semi-conductor chip" "planar light waveguide" "422"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/04/05 21:00
S37	0	"semi-conductor chip" "planar light waveguide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/04/05 21:00
S38	0	"semiconductor chip" "planar light waveguide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/04/05 21:00
S39	4	"semiconductor chip" "planar waveguide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/04/05 21:02
S40	0	("2004/0121520").URPN.	USPAT	OR	OFF	2006/04/05 21:01
S41	0	"semiconductor chip" "light waveguide" "biosensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/04/05 21:02
S42	0	"semiconductor chip" "light waveguide" "biosensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2006/04/05 21:02
S43	0	"semiconductor chip" "light waveguide" "biosensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2006/04/05 21:02
S44	1	"semiconductor chip" "light waveguide" "biosensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 21:11
S45	6	("3973320"   "4233029"   "4740410"   "4778989"   "4874500"   "4895615").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 21:03

## EAST Search History

S46	18	"semiconductor" "light waveguide" antibody ligand receptor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 21:12
S47	0	"semiconductor chip" "light waveguide" antibody ligand receptor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/05 21:13
S48	18	"semiconductor chip" "waveguide" antibody ligand receptor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/06 19:55
S49	4	("6340568").URPN.	USPAT	OR	OFF	2006/04/06 19:41
S50	16	("4343684"   "4840893"   "4857831"   "5108576"   "5614004"   "5814450"   "5866321"   "5873992"   "6048692"   "6071394"   "6093370"   "6126800"   "6274373"   "6340568"   "6368851"   "6749731").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 19:42
S51	15	("6048692").URPN.	USPAT	OR	OFF	2006/04/06 19:46
S52	2	"6287874".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/06 19:46
S53	2	"5567301".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/06 19:46
S54	16	("5567301").URPN.	USPAT	OR	OFF	2006/04/06 19:47
S55	9	("4822566"   "5053225"   "5074977"   "5077210"   "5137827"   "5171779"   "5200051"   "5242828"   "5269903").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 19:48
S56	110	("4822566").URPN.	USPAT	OR	OFF	2006/04/06 19:53
S57	648	"optical biosensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/06 19:55

## EAST Search History

S58	39	"optical biosensor" 422/82.11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/06 19:55
S59	41	("5738825").URPN.	USPAT	OR	OFF	2006/04/06 20:07
S60	5	WO "9533197"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/06 20:10
S61	4	WO "9533198"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/06 20:10
S62	6	("6395558").URPN.	USPAT	OR	OFF	2006/04/06 20:11
S63	14	("3905676"   "4880752"   "4886341"   "5081012"   "5082629"   "5166515"   "5195161"   "5442169"   "5604829"   "5623561"   "5814565"   "5822472"   "5961924"   "6078705").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 20:33
S64	1	"6287874".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 20:33
S65	4	("5081012"   "5082629"   "5163118"   "5822472").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 22:11
S66	2	("4815843"   "4880752").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 22:11
S67	16	("6078705").URPN.	USPAT	OR	OFF	2006/04/06 22:15
S68	1086213	"negative shape" layer semiconductor waveguide	USPAT	OR	OFF	2006/04/06 22:15
S69	4	"negative shape" layer semiconductor waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/06 22:15
S70	0	("2002/0071636").URPN.	USPAT	OR	OFF	2006/04/06 22:35
S71	6395	peltier semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/06 22:49

## EAST Search History

S72	1011	"peltier device" semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/06 22:50
S73	21	"peltier device" semiconductor "422"/\$.cls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/06 22:50
S74	2	"6287874".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/07 15:34
S75	2	"6126899".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/07 16:10
S76	276	lehmann-m.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/07 16:10
S77	216	muller-c.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/07 16:11
S78	34	klapproth-h.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/07 16:17
S79	0	budach et "al."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/07 16:18
S80	1	budach-w-e-g.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/07 16:18
S81	1	2001-159282.NRAN.	DERWENT	OR	OFF	2006/04/07 16:19



## EAST Search History

S82	2	"6749814".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 13:55
S83	95	("20020042140"   "3431077"   "3797202"   "3966420"   "4099923"   "4386505"   "4392362"   "4516632"   "4537217"   "4636315"   "4832914"   "4921919"   "5016707"   "5079205"   "5089232"   "5145579"   "5209906"   "5230866"   "5288644"   "5296375"   "5296775"   "5304354"   "5354460"   "5356756"   "5385712"   "5388635"   "5498545"   "5534328"   "5580523"   "5587128"   "5593642"   "5603351"   "5611214"   "5639423"   "5658413"   "5658537"   "5690763"   "5699157"   "5770860"   "5776359"   "5811062"   "5842787"   "5843385"   "5846396"   "5852495"   "5858195"   "5869004"   "5872010"   "5908552"   "5935277"   "5938333"   "5942443"   "5948227"   "5955028"   "5957579"   "5959297"   "5965001"   "5965410"   "5976336"   "5989402"   "6001229"   "6004515"   "6010607"   "6010608"   "6042709"   "6042710"   "6046056"   "6068684"   "6068752"   "6071478"   "6074725"   "6086740"   "6087180"   "6087181"   "6100541"   "6103199"   "6123798"   "6132685"   "6149882"   "6287872"   "6319719"   "6333019"   "6350617"   "6409072"   "6426226"   "6485692").PN. OR ("6749814"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/21 15:28
S84	2	"6287784".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 15:29
S85	2	"6287874".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 15:32

## EAST Search History

S86	300	electromagnetic adj waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 15:35
S87	1	electromagnetic adj waveguide "422"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 15:33
S88	2	electromagnetic adj waveguide receptor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 15:35
S89	13	electromagnetic adj waveguide chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 15:37
S90	0	electromagnetic adj waveguide with chemical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 15:37
S91	32	electromagnetic adj waveguide chemical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 15:38
S92	2	"5439647".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 15:39
S93	37	("4005312"   "4136928"   "4699449"   "4708423"   "4872759"   "4888785"   "5109444"   "5165005"   "5173747"   "5252294"   "5262656").PN. OR ("5439647"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/21 15:39
S94	9	("4755667"   "4937454"   "5039490"   "5439647"   "5933233"   "6040591"   "6133954"   "6395576"   "6448064").PN. OR ("6867420"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/21 15:40
S95	33	("3625756"   "3676820"   "4324760"   "4324761"   "4568518").PN. OR ("5039490").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/21 15:49

## EAST Search History

S96	2	"5832165".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 15:49
S97	9	("4857273"   "4880752"   "5081012"   "5156976"   "5166515"   "5344784"   "5512492"   "5525466"   "Re33064").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/21 15:52
S98	2	"5959292".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 15:52
S99	21	("4582809"   "4815843"   "5071248"   "5081012"   "5082629"   "5120131"   "5294799"   "5344786"   "5418371"   "5822472").PN. OR ("5959292").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/21 15:53
S10 0	79	("20020074513"   "20030108291"   "20030138208"   "20030148542"   "20040115826"   "4810658"   "4828387"   "4882288"   "4931384"   "4952056"   "4978503"   "4992385"   "5006716"   "5082629"   "5164589"   "5186897"   "5192502"   "5208111"   "5242828"   "5294402"   "5312729"   "5374563"   "5415842"   "5434663"   "5436161"   "5455178"   "5468620"   "5478756"   "5480687"   "5491556"   "5492840"   "5532170"   "5554541"   "5631734"   "5641640"   "5663790"   "5677196"   "5712705"   "5716854"   "5738825"   "5770462"   "5779978"   "5822472"   "5830766"   "5846843"   "5874219"   "5898503"   "5912456"   "5946083"   "5955729"   "5959292"   "5965456"   "5972612"   "5981956"   "6078705"   "6093536"   "6111248"   "6111652"   "6127183"   "6141096"   "6143574"   "6183696"   "6191847"   "6198869"   "6200814"   "6203989"   "6207381"   "6207960"   "6211954"   "6218194"   "6225625"   "6245578"   "6252236"   "6289144"   "6289286"   "6294327"   "6707561"   "6771376"   "6870630").PN. OR ("7064844"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/21 19:22

## EAST Search History

S10 1	2	"6867420".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 19:30
S10 2	27368	(substrate or chip or semiconductor) adj integrated receive\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 19:36
S10 3	92	(substrate or chip or semiconductor) adj integrated receive\$4 "422"/\$. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 19:39
S10 4	1	(substrate or chip or semiconductor) adj integrated receive\$4 "422"/82. 11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 19:36
S10 5	5	(substrate or chip or semiconductor) adj integrated receive\$4 waveguide "422"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 19:43
S10 6	1	(substrate or chip or semiconductor) adj integrated receiver waveguide "422"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 19:43
S10 7	460	(substrate or chip or semiconductor) adj integrated receiver waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 19:44
S10 8	2	"5439647".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 20:22
S10 9	37	("4005312"   "4136928"   "4699449"   "4708423"   "4872759"   "4888785"   "5109444"   "5165005"   "5173747"   "5252294"   "5262656").PN. OR ("5439647"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/09/21 21:07

## EAST Search History

S11 0	2	"5832165".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 21:07
S11 1	0	grating peltier ("silicone dioxide" or "tantalum pentoxide") polystyrene waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 21:09
S11 2	38	("silicone dioxide" or "tantalum pentoxide") polystyrene waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 21:09
S11 3	30	grating("silicone dioxide" or "tantalum pentoxide") polystyrene waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 21:09
S11 4	30	grating ("silicone dioxide" or "tantalum pentoxide") polystyrene waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 21:23
S11 5	0	grating ("silicone dioxide" or "tantalum pentoxide") polystyrene waveguide PELTIER	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 21:10
S11 6	1	("silicone dioxide" or "tantalum pentoxide") polystyrene waveguide PELTIER	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 21:10
S11 7	1	adhesive adj (layer or coating) ("silicone dioxide" or "tantalum pentoxide") polystyrene waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 21:23
S11 8	3	adhesive layer ("silicone dioxide" or "tantalum pentoxide") polystyrene waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 21:24
S11 9	137	adhesive adj layer grating polymer waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 21:25

## EAST Search History

S12 0	13	adhesive adj layer grating polymer waveguide "422"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 21:27
S12 1	2	"20020135780".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 21:39
S12 2	21766	peltier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 22:08
S12 3	15	peltier 422/82.11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/09/21 22:09

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